

## MBN52832 BLE Module Development Kit BOM

A-6000-1107 - Assy

nRF52 EVK

Rev: A

Item	Part Number	Qty	Refdes	Vendor	Vendor Part Number
1	A-3500-6104	1	BT1	Keystone	3002TR
2	A-7000-0430	1	ANT1	Murata	FLANCFA-0430TEMP
3	C-1021-0109	1	R47	Murata	GRM0335C1H1R0BA01D
				Murata	GRM0335C1E1R0BA01D
				Kemet	CBR02C109B3GAC
4	C-1026-2106	1	C24	Murata	GRM219R61A106KE44D
				Murata	GRM218R61A106KE19L
5	C-1036-5103	1	C31	Murata	GRM188R71H103KA01D
				Cal-Chip	GMC10X7R103K50NT
6	C-1036-5432	1	C30	Murata	GRM1887U1H432JA01D
7	C-1046-0225	1	C23	Murata	GRM155R60J225ME15D
				Murata	GRM155R60J225ME95D
8	C-1046-5103	2	C5,C14	Murata	GRM155R71E103KA01D
				Murata	GRM155R71H103KA88D
				Cal-Chip	GMC04X7R103J50NT
				AVX	04025C103JAT2A
				TDK	C1005X5R1E103KT
9	C-1046-5104	18	C1-4,C6,C9-13,C15-20,C22,C25	Murata	GRM155R61A104KA01B
				Murata	GRM155R61A104KA01D
				Cal-Chip	GMC04X7R104K25NT
				Yageo	CC0402KRX7R6BB104
				TDK	C1005X5R1E104KT
10	C-1046-5105	1	C21	Murata	GRM155R60J105KE19D
				Murata	GRM155R61E105KA12D
				Murata	GRM155C81E105KE11D
				Cal-Chip	GMC04X7R105K10NT
				Yageo	CC0402KRX5R6BB105
11	C-1046-5120	4	C7-8,C26-27	Murata	GRM1555C1H120FA01D
				Murata	GRM1555C1H120JA01
				Murata	GRM1555C1H120JZ01
				Cal-Chip	GMC04CG120G50NT
				Cal-Chip	GMC04CG120J50NT
12	C-1046-5331	2	C28,C32	Cal-Chip	GMC04CG331J50NT-LF
				Murata	GRM1555C1H331JA01D
13	D-5000-0195	1	LED3	LITE-ON, Inc.	LTST-C195KGJRK
14	D-5101-1183	2	LED1-2	LITE-ON, Inc.	LTST-C190GKT
15	D-6104-0103	1	D1	Diodes, Inc.	SD103ATW-7-F
16	D-8000-0215	1	U4	NXP Semiconductor	PTR5V0U2X,215
17	J-1800-0114	1	J3	Molex	73412-0114
18	J-2000-0830	1	CN1	Hirose Electronics	ZX62D-B-5P8(30)
19	J-5100-2202	2	SW1-2	Panasonic	EVQ-P2202M
20	L-7102-1119	1	L3	Murata	LQP03TN1N1B02D
21	L-7106-0103	1	L2	Murata	LQM18FN100M00
22	L-7124-0100	1	L1	Murata	LQG15HS10NJ02D
23	R-9104-0150	2	R13-14	Yageo	RC0402FR-07150RL
				Panasonic	ERJ-2RKF1500X
24	R-9104-0221	4	R1,R4,R30,R32	Yageo	RC0402FR-07220RL
				Panasonic	ERJ-2RKF2200X
				Rohm	MCR01MRTF2200
				Vishay Dale	CRCW0402220RKFED
25	R-9504-0000	20	R3,R5-7,R17,R19,R29,R31,R37-42,R45-46,R48-51	Panasonic	ERJ-2GEOR00X
				Yageo	CO402JR-070RL
				Cal-Chip	RM04J000CT
				Ever Ohms Technology	CR0402J0RQ10
26	R-9504-0101	3	R23,R26,R28	Panasonic	ERJ-2GEJ101X
				Yageo	RC0402JR-07100RL
				Cal-Chip	RM04J101CT
				Ever Ohms Technology	CR0402J100RQ10
27	R-9504-0102	1	R15	Cal-Chip	RM04J102CT
				Ever Ohms Technology	CR0402J1KQ10
28	R-9504-0103	4	R2,R8-10	Panasonic	ERJ-2GEJ103X
				KOA Speer	RK73B1ETTP103J
				Yageo	RC0402JR-0710KL
				Ever Ohms Technology	CR0402J10KQ10
				Cal-Chip	RM04J103CT
29	R-9504-0472	5	R27,R33-36	Panasonic	ERJ-2GEJ472X
30	R-9504-0473	1	R12	Cal-Chip	RM04J473CT
				Panasonic	ERJ2GEJ473X
				Yageo	RC0402JR-0747KL
				Vishay Dale	CRCW040247KJNED
31	R-9504-0682	1	R11	Cal-Chip	RM04J682CT
				Ever Ohms Technology	CR0402J6K8Q10
32	R-9506-0390	2	R24-25	Cal-Chip	RM06J390CT
				Yageo	RC0603JR-0739RL
33	U-1400-1330	1	U3	Texas Instruments	TLV70230DBVR
34	U-1700-1128	1	U1	Atmel	ATSAM3U2CA-AU
35	WSM-BL241-ADA-008	1	U2		
36	X-1001-0035	1	Y1	TXC Corporation	7M12070035
37	X-1002-3276	1	Y2	NDK	NX2012SA-32.768K-STD-MUB-1